

Comparisons of Job Characteristics

Focus Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)
Associated Occupation: Fiberglass Laminators and Fabricators (51-2091)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)
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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Chemistry	4.8	10.0	6.5	<< Extensive education and/or training may be required
Production and Processing	6.0	9.4	5.8	<< Extensive education and/or training may be required
Mechanical	6.8	8.4	13.9	>> Current knowledge level is likely more than sufficient
Building and Construction	4.0	5.4	5.4	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 60

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	8.9	9.6	0 Current skill level may be sufficient
Quality Control Analysis	5.9	8.4	11.4	>> Skill level is likely more than sufficient
Operation and Control	5.4	8.2	8.4	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 83

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Multilimb Coordination	6.0	12.3	9.4	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	10.4	9.1	<	Some improvement in abilities may be required
Static Strength	5.0	10.0	7.5	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	9.5	9.8	0	Current ability level may be sufficient
Stamina	4.0	8.3	6.7	<	Some improvement in abilities may be required
Dynamic Strength	3.5	7.4	5.9	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	6.0	5.6	0	Current ability level may be sufficient
Glare Sensitivity	2.6	5.6	6.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 72

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Work Activities	Exclusivity of Activity
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Read blueprints	10
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 71

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Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1

Data management and query software	1
Length and thickness and distance measuring instruments	2
Metal bending and forming machinery	17
Power tools	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.